



FACILITY COMPLIANCE INSPECTION REPORT

Division of Waste Management Solid Waste Section

UNIT TYPE:												
Lined MSWLF		LCID		YW		Transfer		Compost	X	SLAS		COUNTY: Forsyth PERMIT NO.: SWC-34-13 FILE TYPE: COMPLIANCE
Closed MSWLF		HHW		White goods		Incineration		T&P		FIRM		
CDLF		Tire T&P / Collection		Tire Monofill		Industrial Landfill		DEMO		SDTF		

Date of Site Inspection: January 7, 2014

Date of Last Inspection: March 15, 2013

FACILITY NAME AND ADDRESS:

Reynolds Park Road Large, Type 1 Solid Waste Compost Facility
 Reynolds Park Road
 Winston-Salem, North Carolina 27107

GPS COORDINATES: N: 36.08184 W: 80.20088

FACILITY CONTACT NAME AND PHONE NUMBER:

Name: Jan McHargue, Solid Waste Administrator
 Telephone: (336) 747-7310
 Email address: janm@cityofws.org
 Fax: (336) 727-8432

FACILITY CONTACT ADDRESS:

City/County Utilities
 Post Office Box 2511
 Winston-Salem, North Carolina 27102

PARTICIPANTS:

Tony Coontz, WRICO Equipment Corporation
 Ricky Higgins, WRICO Equipment Corporation
 Charles Gerstell, NCDENR-Solid Waste Section

STATUS OF PERMIT:

A Permit to Operate a Large, Type 1 Compost Facility waste issued to the City of Winston Salem on October 6, 2010.
 This permit shall expire on October 6, 2015

PURPOSE OF SITE VISIT:

Comprehensive Inspection

STATUS OF PAST NOTED VIOLATIONS:

N/A

OBSERVED VIOLATIONS

None

The item(s) listed above were observed by Section staff and require action on behalf of the facility in order to come into or maintain compliance with the Statutes, Rules, and/or other regulatory requirements applicable to this facility. Be advised that pursuant to N.C.G.S. 130A-22, an administrative penalty of up to \$15,000 per day may be assessed for each violation of the Solid Waste Laws, Regulations, Conditions of a Permit, or Order under Article 9 of Chapter 130A of the N.C. General Statutes. Further, the facility and/or all responsible parties may be subject to enforcement actions including penalties, injunction from operation of a solid waste management facility or a solid waste collection service and any such further relief as may be necessary to achieve compliance with the North Carolina Solid Waste Management Act and Rules.

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ADDITIONAL COMMENTS

- 1.) This facility is a Large, Type 1 Solid Waste Compost Facility and is permitted for the management of materials listed in the permit application. Those materials include leaves, yard waste, untreated and unpainted wood, or silvicultural wastes.
- 2.) Operation of the facility is conducted by WRICO Equipment Corporation.
- 3.) A gate was provided at the entrance to the facility to prevent unauthorized access.
- 4.) The facility had proper signage.
- 5.) The facility receives leaves from approximately November through February. Occasionally, leaves are brought to the facility from other city/county facilities.
- 6.) Temperature records were reviewed. Records showed temperatures to be at or above 131°F from February 18, 2013 through March 4, 2013. Temperatures have not yet been recorded for 2014 as the site is still receiving leaves.
- 7.) **Section V, Part B, Item #1 of the approved Operation and Maintenance Manual states:** *“Internal temperature of the windrow shall be taken and recorded approximately every two weeks after completion of the windrow at approximately 50 foot intervals along each windrow and increased to daily readings and recorded once internal temperatures near 131°F.”*
 - It is recommended that the windrow completion date be provided on the temperature logs to ensure that no leaves are added to the windrow once temperature recordings begin.
- 8.) During the inspection, there were 14 windrows of unground leaves on site. There were 8 windrows and one large stockpile of ground material. Mr. Higgins stated that the ground material had met temperatures and was left over from the previous give away event.
- 9.) It appeared that all windrows were within the required dimensions of 15-feet high x 30-feet wide.
- 10.) Adequate spacing was provided between windrows of un-ground leaves for access by firefighting equipment.
- 11.) No offensive odors were observed during the inspection.
- 12.) **Permit Condition #2 states in part:** *“The facility shall be maintained to prevent the accumulation of stormwater or leachate on travel areas or active composting sites.”*
 - Severe ponding was observed adjacent to and between multiple windrows on site. Areas of ponding must be re-graded to prevent accumulation of stormwater or leachate within the composting area.
- 13.) During the inspection, unacceptable waste was observed at the southeast corner of the site. Waste consisted of plastic bags, plastic bottles, a highway cone, a water hose, a trash bag of unknown contents, a multiple empty bottles of antifreeze, and newspapers. All unacceptable waste must be removed and disposed of at a waste disposal facility permitted by the Division of Waste Management.
 - **Section V, Part C, Item #6 of the approved Operation and Maintenance Manual states:** *“Trash containers shall be utilized for on-site trash and emptied as necessary for disposal in a sanitary landfill.”* No trash containers were located on site at the time of inspection. **Trash containers must be provided as detailed in the manual.**
 - Mr. Higgins stated during the inspection that the waste would be picked up.
- 14.) Please ensure that the stockpiling of finished product does not exceed 35-feet in height x 50-feet in width as required by Permit Condition #14.
- 15.) Flows from the composting site are directed into slope drains located on the north side of the site which direct flows to the riser basin. This condition was referred to the Division of Energy, Mineral and Land Resources to determine if there were concerns with the release of flows from the basin.
 - On January 17, 2014, Jason Watkins and Charles Gerstell contacted Mr. Ed Gibson by telephone to discuss the basin on site. It was recommended that City/County utilities contact their consultant to determine a method to prevent channelized discharge from the riser basin such as the installation of a rip rap apron. It was also recommended that the basin be cleaned out to ensure adequate storage and function of the basin.

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Please contact me if you have any questions or concerns regarding this inspection report.



Phone: (704) 235-2144

Charles T. Gerstell
Environmental Senior Specialist
Regional Representative

Sent on: <u>1/21/14</u>	<input checked="" type="checkbox"/>	Email		Hand delivery		US Mail		Certified No. <u> </u>
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Copies: Jason Watkins, Western District Supervisor
Sarah M. Rice, Compliance Officer
Ed Gibson, Solid Waste Engineer, City/County Utilities